

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
3 June 2004 (03.06.2004)

PCT

(10) International Publication Number
WO 2004/047002 A1

(51) International Patent Classification⁷: **G06K 7/00**, 19/07

(74) Agent: **WEBER, Helmut**; Philips Intellectual Property & Standards, Triester Strasse 64, A-1101 Vienna (AT).

(21) International Application Number:
PCT/IB2003/004906

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 31 October 2003 (31.10.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
02102616.6 21 November 2002 (21.11.2002) EP

(84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

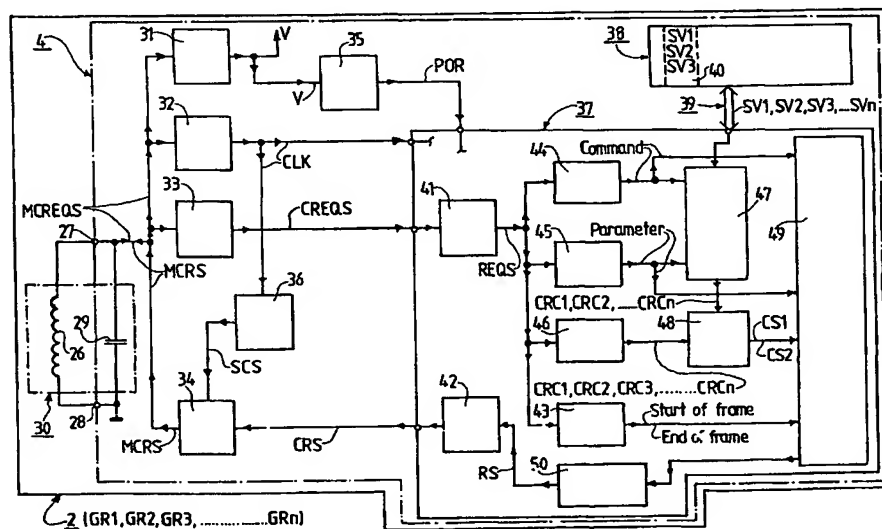
Published:

(75) Inventors/Applicants (*for US only*): **AMTMANN, Franz** [AT/AT]; Triester Strasse 64, A-1101 Vienna (AT). **CERNUSCA, Michael** [AT/AT]; Triester Strasse 64, A-1101 Vienna (AT). **SCHERABON, Christian** [AT/AT]; Triester Strasse 64, A-1101 Vienna (AT).

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD OF RECOGNIZING WHETHER A TRANSPONDER BELONGS TO A GROUP OF TRANSPONDERS



(57) Abstract: Using a method of recognizing whether a transponder (2) designed for communicating with a communication station (1) belongs to one of at least two groups (GR1, GR2, GR3, GRn) of transponders (2), firstly, for each group (GR1, GR2, GR3, GRn) of transponders (2), a check data block (CRC1, CRC2, CRC3, CRCn) that is significant for the group (GR1, GR2, GR3, GRn) of transponders (2) is generated, and, secondly, the data from the check data block (CRC1, CRC2, CRC3, CRCn) that is significant for the group (GR1, GR2, GR3, GRn) of transponders (2) is evaluated for the recognition of whether the transponder (2) belongs to a group (GR1, GR2, GR3, GRn) of transponders (2).